

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph beginning on page 3, line 18 and ending on page 4, line 5, as follows:

---Furthermore, as the Internet grows, so does the range of devices that are used to access ~~content contents~~ from the Web. This diversification of browser types has ~~been~~ accelerated with recent advancements in wireless Internet technology, ~~in which whereby~~ tiny handheld devices such as digital personal assistants (PDA) and mobile phones have ~~built-in~~ micro-browsers ~~built in that~~ browse the ~~Web~~ web, or ~~play back~~ playback audio/visual streams. ~~No longer can Content eentent~~ authors can no longer develop content contents with the assumption that the created content will only be viewed by users using traditional desktop computers. Device independence is now a critical consideration, as disclosed in "Device Independence Principles", W3C Working Draft, ~~http://www.w3.org/TR/di-princ/~~, September 2001, by Gimson, R., ~~et al et al~~,---

Please amend the paragraph beginning on page 4, line 6 and ending on page 4, line 24, as follows:

---A number of international standardization organizations ~~organisations~~ have recognized the need to provide services originally available only at the network core (where the servers are located) to the network edge (where the end users ~~end-users~~ are located). For instance, the Internet Engineering Task Force (IETF) has recently set up ~~a few~~ working groups focusing on providing services at the network edges. The Open Pluggable Extensible Services (OPES) working group is one such effort. The OPES working group focuses on extending the current HTTP proxies from performing simple caching tasks ~~task~~ to a whole suite of adaptation services. The framework of OPES is specified in "A Model for Open Pluggable Edge Services", IETF Internet Draft, Work In Progress, <http://www.ietf.org/internet-drafts/draft-tomlinson-opes-model-01>, November 2001, by Tomlinson, G., Chen, R., and Hofmann, M. There is also a Content Distribution Internetworking (CDI) working group that concentrates on ~~the~~ collaborations between different content distribution networks (CDN). Such collaboration efforts are believed to be able to further accelerate the delivery of contents to the end user.---